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TITLE: DATA BASE MANAGING SYSTEM CAPABLE OF  
PREVIOUSLY DETECTING DEADLOCK

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a data base managing system capable of previously detecting deadlock.

SOLUTION: Before locking a certain processing object resource through a processing session A, a processing session to be the factor disabling the lock of that processing object resource is retrieved. The processing session of the factor is retrieved as sessions B, C and D. In this case, the processing session D is under wait processing waiting the unlock of the other processing sessions and the processing session of that factor is retrieved as the processing session A. Therefore, when the processing session A is

turned into

wait state waiting the unlock of that processing object resource, the processing session A waits for the unlock of the processing session D and it

can be previously discriminated the processing session D is turned into

deadlock waiting the unlock of the processing session A.

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